IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

James Parker

For:

INTEGRATED LIGHTNING DETECTOR

Serial No.:

10/600,369

Filed:

June 26, 2003

Art Unit:

2632

Our Reference:

WH-11 827US

133 Richmond Street West Toronto, Ontario M5H 2L7

BY FEDERAL EXPRESS

Commissioner of Patents and Trademarks

August 9, 2004

Washington, D.C. 20231

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

It is requested that the references listed on the attached Information Disclosure Statement Form 1449A/PTO be considered by the Patent Examiner in connection with the above identified application and be made of record therein.

United States Patent 5,920,259 Shpater discloses a method of protecting an intrusion detection system against false alarms caused by certain radio frequency or electromagnetic impulse signals. This is accomplished by providing in motion detectors a dummy channel 14 designed to receive this undesired RF or EM signal. This signal is then subtracted from the normal channel whereby the effect of the undesired RF or EM signal is avoided.

United States Patent 5,977,762 discloses a lightning detector used for the protection of electronic equipment in a home. The detector receives an EM signal through an antenna and applies signal conditioning to produce a series of pulses corresponding to peaks in the signal above a specified threshold. Pulse data is compared to predetermined criteria that distinguishes lightning created noise from other electrical noise. Once recognized, a shut down signal can be sent to the appropriate equipment.

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United States Patent 5,959,815 discloses a method of protecting a computer system from an approaching lightning storm by using a modem or sound card to pick up the electromagnetic signals. The modem or sound card acts as an antenna and a digital signal processor in the modem or sound card circuitry processes the signal to detect pulses caused by lightning. The system can either alert the user or perform a shutdown of the system.

United States Patent 5,291,208 discloses an arrangement for protecting an electronic device from damage due to high voltage levels caused by lightning. The device includes a detector and means for switching any number of electrical devices into a ground state for a predetermined duration. With this arrangement, the method and apparatus protects an electrical device from a potential of damaging voltage levels while also allowing the device to be reactivated (column 1, lines 57 to 61). The method and apparatus are primarily designed for protecting an electrical device from potentially damaging electrical field levels as stated in the preamble of claim 1.

Copies of each reference are enclosed.

Respectfully submitted,

Agent on behalf of Applicant

S. Warren Hall

Registration No. 30,350

(416) 368-8313

WH/sdw Encls.

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of Sheet

Complete if Known				
Application Number				
Filing Date	June 26, 2003			
First Named Inventor	James Parker			
Art Unit	2632			
Examiner Name				
Attorney Docket Number	WH 11 827US			

U.S. PATENT DOCUMENTS							
Examiner Initials		Document Number Number - Kind Code ² (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	1	US- 5,920,259	07-06-1999	Shpater	Col 3, In 4 to col 4, In 6		
	2	US- 5,977,762	11-02-1999	Murtha et al	Abstract and Figure 1		
	3	us- 5,959,815	09-28-1999	Gilbert	Abstract and Figure 1		
	4	us- 5,291,208	03-01-1994	Young	Abstract, col 2, Ins 37-62		
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FOREIGN PATENT DOCUMENTS								
Cite No. ¹	Foreign Patent Document Country Code 3 - Number 4 - Kind Code 5 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т6			
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		Cite Foreign Patent Document	Cite Foreign Patent Document Publication Date	Cite Foreign Patent Document Publication Date Name of Patentee or	Cite Foreign Patent Document Publication Date Name of Patentee or Where Relevant Passages			

Examiner	Date	
Signature	Considered	

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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.